

Converting Colors

XYZ(34.3343, 57.6810, 44.6660)

Have a look what the booklet for
XYZ(34.3343, 57.6810, 44.6660)
contains.

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Color

**XYZ(34.3079, 57.6897,
44.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	0BE3A4
RGB	11, 227, 164
RGB Percent	4%, 89%, 64%
CMY	0.9568, 0.1098, 0.3569
CMYK	0.95, 0.00, 0.28, 0.11
HSL	162°, 91%, 47%
HSV	162°, 95%, 89%
XYZ	34.3079, 57.6897, 44.4490
YIQ	155.2340, -108.5130, -65.3850

Conversions

Conversions Part 2

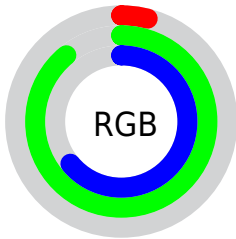
Format	Color
RYB	11, 137, 227
Decimal	779172
CIELab	80.57, -60.23, 18.13
CIELCh	81, 62.897, 163.249
Yxy	57.6897, 0.2514, 0.4228
Android (android.graphics.Color)	4278969252 (0xFF0BE3A4)
YUV	155.2340, 4.3216, -126.4932
Hunter-Lab	75.9537, -52.2915, 18.4704

Details

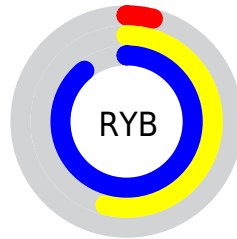
The XYZ color **34.3079, 57.6897, 44.4490** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **33.0364, 17.0660, 8.0353**, and the grayscale version is **31.2787, 32.9076, 35.8364**.

A 20% lighter version of the original color is **54.9766, 79.9495, 79.5521**, and **17.2994, 29.9193, 20.1925** is the 20% darker color. If you saturate the color by 10%, you get **33.8844, 57.5060, 42.9340**, and if you desaturate by 10%, it is **35.4355, 58.2016, 47.7067**.

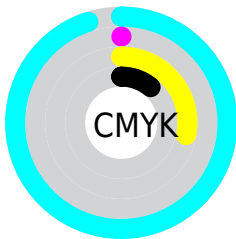
Distribution



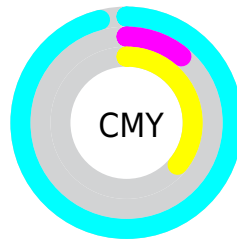
- Red (4%)
- Green (89%)
- Blue (64%)



- Red (4%)
- Yellow (54%)
- Blue (89%)



- Cyan (95%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)





- Cyan (96%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3079, 57.6897, 44.4490 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.3079, 57.6897, 44.4490 by changing the saturation by 10% instead.

 34.3079, 57.6897,
44.4490


 34.3079, 57.6897,
44.4490


313.0646,
416.0287, 380.6322


 23.2942, 41.5592,
30.6839


 65.7533, 101.4709,
83.2026


 14.9328, 28.7563,
20.1018


 86.9158, 129.8903,
109.0282


 8.8583, 18.8966,
12.2843


 112.1919,
163.1749, 139.7110

 4.7052, 11.5956,
6.8127

 141.9470,
201.7091, 175.6695

 2.1083, 6.4689,
3.2686

 176.5465,
245.8771, 217.3224

 0.6937, 3.1323,
1.2333

216.3557,

 0.0000, 1.2012,

296.0635, 265.0881

0.0062

261.7399,
352.6525, 319.3852

■ 0.0000, 0.0627,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.3079, 57.6897,
44.4490

■ 34.3079, 57.6897,
44.4490

■ 33.8844, 57.5060,
42.9340

■ 35.4355, 58.2016,
47.7067

■ 37.0850, 58.9773,
51.1525

■ 39.3425, 60.0629,
54.7941

■ 42.2772, 61.4938,
58.6369

■ 45.9487, 63.3006,
62.6861

■ 50.4096, 65.5107,
66.9462

■ 55.7080, 68.1485,
71.4218

■ 61.8877, 71.2367,
76.1169

■ 68.9895, 74.7964,
81.0356

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.5035, 57.6897, 23.9204



34.3079, 57.6897, 44.4490



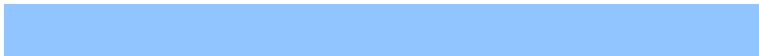
34.0210, 57.6897, 80.5825

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.3079, 57.6897, 44.4490



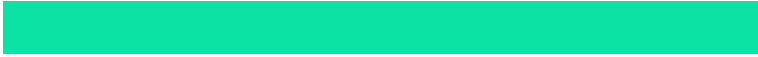
60.7286, 57.6897, 160.7138



75.0041, 57.6897, 25.5737

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.3079, 57.6897, 44.4490



33.0364, 17.0660, 8.0353

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7615, 57.6897, 47.8711



34.3079, 57.6897, 44.4490



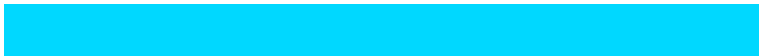
73.6879, 57.6897, 130.2452

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.3079, 57.6897, 44.4490



47.9754, 57.6897, 158.6161



82.2451, 57.6897, 85.6478



62.3133, 57.6897, 16.3319

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.3079, 57.6897, 44.4490



36.5606, 57.6897, 110.4880



82.2451, 57.6897, 85.6478



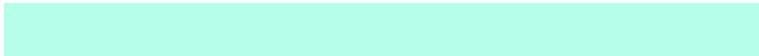
78.3583, 57.6897, 31.3092

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.3094, 57.6920, 44.4503



69.5971, 87.2575, 90.5868



30.4965, 56.4934, 9.6142



14.2752, 18.3675, 18.8570



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.3094, 57.6920, 44.4503



44.0613, 74.8405, 55.6339



31.1044, 39.8184, 78.7222



14.6189, 16.2610, 17.5237



19.8139, 33.5577, 25.3182



1.5042, 2.4958, 2.0814

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.0364, 17.0660, 8.0353



42.4890, 21.7596, 8.5070



33.0696, 19.0143, 2.2444



14.5490, 14.4368, 15.8257



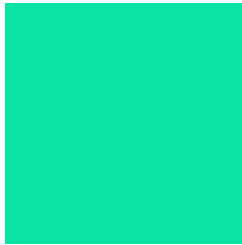
19.0964, 9.7728, 4.1367



1.4506, 0.7379, 0.5133

Previews

White Background



This preview shows how the XYZ color 34.3079, 57.6897, 44.4490 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.3079, 57.6897, 44.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

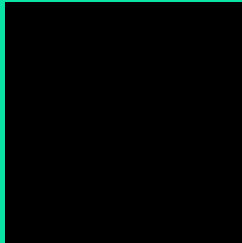
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

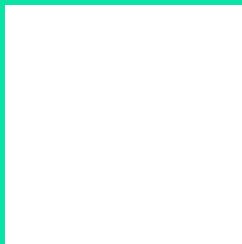
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3079, 57.6897, 44.4490

Background



This preview shows how black text looks on a background with the XYZ color 34.3079, 57.6897, 44.4490.

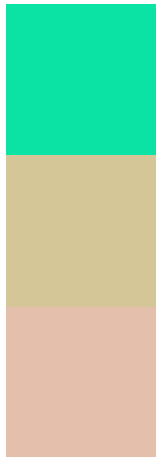


This preview shows how white text looks on a background with the XYZ color 34.3079, 57.6897,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.3079, 57.6897, 44.4490

Protanopia

52.8505, 56.5872, 36.9911

Deuteranopia

57.7557, 56.5711, 46.9050



Tritanopia

42.9685, 57.6368, 87.4576

Trichromacy



Original Color

34.3079, 57.6897, 44.4490



Protanomaly

39.3643, 53.4565, 39.2538



Deuteranomaly

40.9670, 52.3462, 45.4808



Tritanomaly

38.7812, 57.0464, 69.2887

Monochromacy



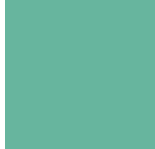
Original Color

34.3079, 57.6897, 44.4490



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

28.2889, 38.3999, 38.2687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3079, 57.6897, 44.4490 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(11, 227, 164)` looks like.

```
.text, #text, p{  
    color:rgb(11, 227, 164)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(11, 227, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 227, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.3079, 57.6897, 44.4490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(11, 227, 164) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(11, 227, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(11, 227, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 227, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 227, 164);  
box-shadow:4px 4px 4px 4px rgb(11, 227,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3079, 57.6897, 44.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 227, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(11, 227,  
164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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